

Abstract

A manufacturing cell for work pieces, comprising automated manipulating means for transfers of a work piece, which are arranged to grip the work piece, to place the work piece in a machining device and to deliver the machined work piece; transfer means which are arranged to transfer said manipulating means to and from storage locations and the machining device; positioning means, wherein said manipulating means are arranged to deliver the work piece to said positioning means for setting the position of the work piece and to grip it again after the setting. The positioning means are, together with the manipulating means, placed in said transfer means, or the positioning means are placed in separate transfer means, which are arranged to move said positioning means within the reach of the manipulating means at least for the time of said setting. Furthermore, said manipulating means, transfer means and positioning means form a transfer and manipulating apparatus for work pieces and for various functions. The positioning device preferably comprises sensor means, which are arranged to detect the adherence of several work pieces to each other, one above the other.